

SERVICE REPORT

Date: 4-20-19

Customer's Name: BCR

Customer P. O. # 1

Job Location: Bloomington

M/M/T: Liebherr / LR1300

Hours: 12,870

Equipment # 330192

Serial # 138 074

Describe Defects & Cause of Failure: _____

Repairs Completed: Changed batteries

Qty	Part Number	Description	Ordered	Installed

Recommendations: _____

Technician: Jerry Shepherd

Customer
Name: _____

Customer
Signature: _____

Job Complete:

Yes ☒ No ☐

Labor: Reg _____

O.T. _____



Auburn, WA
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510-638-8100

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804-271-9356
North SLC, UT
801-292-2453

Toll Free
888-337-2444

SERVICE REPORT

DATE: 5-12-12

CUSTOMER <i>Bigge</i>			TRIP MILEAGE	
CONTACT NAME & NO.				
ADDRESS				
MAKE	MODEL	SERIAL NUMBER	HOURS	UNIT NUMBER
<i>Lebherr</i>	<i>LR1300</i>		<i>3967</i>	<i>330192</i>

SERVICE REQUESTED	<i>500 hr pm.</i>

REPAIRS MADE	<i>Serviced crane</i>

COMMENTS

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED
	<i>15</i>	<i>51W40 Oil</i>		
<i>10074373</i>	<i>2</i>	<i>Oil Filters</i>		
<i>10289138</i>	<i>2</i>	<i>Fuel Filters</i>		

[Signature]
TECHNICIAN

CUSTOMER SIGNATURE



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SERVICE REPORT

DATE: 7/12/12

CUSTOMER <i>Bigge</i>	TRIP MILEAGE 229
CONTACT NAME & NO.	

ADDRESS			
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MAKE <i>Liebherr</i>	MODEL <i>L121300</i>	SERIAL NUMBER	HOURS <i>5182</i>	UNIT NUMBER <i>330192</i>
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SERVICE REQUESTED <i>1000 hr service</i>

REPAIRS MADE <i>Change oil and filters, change fuel filters change Air filters, change High psi hyd filters</i>

COMMENTS

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED

TECHNICIAN
[Signature]

CUSTOMER SIGNATURE _____



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SERVICE REPORT

DATE: 5-14-13

CUSTOMER <i>Bigge</i>		TRIP MILEAGE			
CONTACT NAME & NO.					
ADDRESS <i>Cherren el segundo</i>					
MAKE	MODEL	SERIAL NUMBER	HOURS		UNIT NUMBER
<i>Liebherr</i>	<i>1300</i>		<i>6465</i>		<i>330192</i>

SERVICE REQUESTED <i>Hyd oil low</i>

REPAIRS MADE <i>Added 10 gallons 150-46 to Hyd tank - oil now in second sight glass from Bottom out of four</i>

COMMENTS

PART NUMBER	QNTY	DESCRIPTION	INSTALLED		ORDERED
	<i>10 gallons</i>	<i>150-46</i>	<i>✓</i>		

Bryce Hulet
TECHNICIAN

CUSTOMER SIGNATURE



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SERVICE REPORT

DATE: 5-31-13

CUSTOMER Bigge - Chevron		TRIP MILEAGE 25.5 one way	
CONTACT NAME & NO.			
ADDRESS el segundo - chevron			
MAKE Liebherr	MODEL 1300	SERIAL NUMBER	HOURS 6490
		UNIT NUMBER 330192	

SERVICE REQUESTED Not charging - A/c not cold / Auto lube not working

REPAIRS MADE Changed out Alternator Belt - Added one 12oz Can of R134 Refrigerant - Auto lube distribution block plugged up - took apart and cleaned distribution Block - Flushed grease lines with Clean new Grease

COMMENTS

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED
		Serpentine Belt Alt Alt 3 A/c	✓	
	1	12 oz Refrigerant	✓	

Bryce Hulef
TECHNICIAN

CUSTOMER SIGNATURE



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SERVICE REPORT

DATE: 6-19-13

CUSTOMER		Chevron - Bisse		TRIP MILEAGE		25 Miles	
CONTACT NAME & NO.							
ADDRESS							
El Segundo							
MAKE	MODEL	SERIAL NUMBER	HOURS		UNIT NUMBER		
Liebherr	1300		6515		330192		

SERVICE REQUESTED	check out crane for upcoming repair work	90 day
inspection		

REPAIRS MADE	Sight Glasses OK hoses look good - Completed	90 day
insp		

COMMENTS

PART NUMBER	QNTY	DESCRIPTION	INSTALLED		ORDERED

Bryce Hulef
TECHNICIAN

CUSTOMER SIGNATURE



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SERVICE REPORT

DATE: 7.19.13

CUSTOMER B1665			TRIP MILEAGE		
CONTACT NAME & NO.					
ADDRESS					
MAKE LIEBHERR	MODEL LR1300	SERIAL NUMBER 138 074	HOURS 6556		UNIT NUMBER 330192

SERVICE REQUESTED REPLACE WATER PUMP / WARRANTY WORK

REPAIRS MADE REMOVED OLD WATER PUMP & INSTALLED NEW WATER PUMP Re-rop main Hoist Cable, Cable was back Spooled By Operator (Steve & Brian)

COMMENTS Customer Damaged Fork lift while helping with Hoist Cable

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED
LONG LIFE COOLANT	30gal	ANTIFREEZE / COOLANT	✓	
10 1014167	1	WATER PUMP		

BYRON HULET / BRIAN GOMER
TECHNICIAN
Steve Golden

CUSTOMER SIGNATURE

SERVICE REPORT

Date: 11-22-2013

Customer's Name: Nooter

Customer P. O. # _____

Job Location: El Segundo

M/M/T: _____

Hours: 6917

Equipment # 330192

Serial # 138074

Describe Defects & Cause of Failure: _____

Repairs Completed: Service Engine, Change Oil, Filters
Check Fluids

Qty	Part Number	Description	Ordered	Installed
2	10294938	Air Filter		
2	10294939	Air Filter		
2	10289138	Fuel Filter		
1	553183708	Fuel Filter		

15 Gal SW-40SAE

Diesel engine oil

Recommendations: _____

Technician: Brian, Steve

Customer Name: _____

Customer Signature: _____

Job Complete: _____

Yes ☒ No ☐

Labor: Reg 3.5

O.T. _____

SERVICE REPORT

Date: 4-9-2014
 Customer's Name: Bigge Customer P. O. # _____
 Job Location: Chevron M/M/T: Liebherr LK 1300 Hours: 7259
 Equipment #: 330196 Serial #: 138-074

Describe Defects & Cause of Failure: Inspection after contacting other
Crane in February

Repairs Completed: Do a complete inspection of boom working 3
moving components. Boom up crane and inspect load line for
irregularities or broken wires, None found at this time. Check crane
functions, found swings to be shaky on start up. Make adjustments
to correction valves, swing movement was smooth. This completes
my inspection and finding of the crane to be returned to
its normal operation

Qty	Part Number	Description	Ordered	Installed

Recommendations: _____

Technician: Steve Golden
 Customer Name: _____
 Customer Signature: _____

Job Complete: Labor: Reg _____
 Yes ☒ No ☐ O.T. _____

William Taitano

From: Steve G. Golden
Sent: Thursday, April 10, 2014 10:52 AM
To: William Taitano
Subject: Inspection Unit 330192

4-9-2014 Came to Chevron Refinery to inspect the Liebherr LR1300 working on the East side of the Coker unit after making contact with a Bragg Crane working around the corner of the unit on the South side . It was reported that the load line had made contact with the Jib of Braggs Crane . Preformed a thorough inspection of Boom working and moving components . Boomed up crane and Inspect load line for any informalities or broken wires , none found at this time . Check crane functions , found swings to be a little shaky on startup , after making an adjustment in the correction values, swing movement was smooth . This completes my inspection and finding of the crane to be returned to its normal operations . Unit 330192, Hours 7259 .

Steve G. Golden Maintenance Foreman Bigge crane and Rigging .

SERVICE REPORT

Date: 4-24-2014

Customer's Name: Bisge

Customer P. O. # _____

Job Location: Chevron Refinery M/M/T: Liebherr

Hours: 7321

Equipment # 330192 Serial # 138-074

Describe Defects & Cause of Failure: Service Due

Repairs Completed: Service Crane, Change oil, Filters. Check
Fluids. Change A/C system. Test Functions

1002 R134

<u>1</u>	<u>Hydraulic Breather</u>
<u>1</u>	<u>Hydraulic Filter</u>
<u>1</u>	<u>High Pressure Hyd Filter</u>
<u>2</u>	<u>Secondary Air Filter</u>

Qty	Part Number	Description	Ordered	Installed
<u>2</u>		<u>Oil Filters</u>		
<u>2</u>		<u>Fuel Filter</u>		
<u>1</u>		<u>Fuel/Water Filter</u>		
<u>2</u>		<u>Air Filter</u>		

Recommendations: _____

Technician: Stora, Brian

Customer Name: _____

Customer Signature: _____

Job Complete: _____

Yes ☒ No ☐

Labor: Reg _____

O.T. _____

SERVICE REPORT

Date: 7.21.14

Customer's Name: BIGGE

Customer P. O. # _____

Job Location: LONG BEACH

M/M/T: LIEBHERR / LR1300 / CRANE

Hours: 7954

Equipment # 330192

Serial # 138.074

Describe Defects & Cause of Failure: A/C HEATER BLOWER MOTOR NOT WORKING.

Repairs Completed: R&R BLOWER MOTOR. TESTED & WORKING PROPERLY

Qty	Part Number	Description	Ordered	Installed
1	10223209	BLOWER MOTOR		✓

Recommendations: LAST SERVICED 7321. NEEDS SERVICE ASAP.
NEEDS ONE VENT COVER.

Technician: BYRLE / BRIAN

Customer
Name: _____

Job Complete:

Labor: Reg _____

Customer
Signature: _____

Yes ☒ No ☐

O.T. _____



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SERVICE REPORT

Date: 7.23.14

Customer's Name: BIGGE

Customer P. O. # _____

Job Location: LONG BEACH

M/M/T: LIEBHERR / LR-1300 / CRANE Hours: 7955

Equipment # 330192

Serial # 138.074

Describe Defects & Cause of Failure: 500 HR SERVICE, LEAK @ HYDRO TRANSDUCER
BY FILTER.

Repairs Completed: OIL / FILTERS CHANGED

FUEL FILTERS

AIR FILTERS

HYDRAULIC FILTERS

CABIN FILTERS

REPLACED LEAKING O RING ON TRANSDUCER.

2	592293714	A/C FILTER	1	✓
2	10294939	AIR FILTER	1	✓
2	10294938	AIR FILTER	1	✓
2	10044373	ENGINE OIL FILTER	1	✓
1	553183708	FUEL WATER SEPARATOR	1	✓
2	10289138	FUEL FILTER	1	✓
15GAL	DELO SW 40	SYNTHETIC ENGINE OIL	1	✓
1	10037623	HYDRAULIC FILTER	1	✓

Qty	Part Number	Description	Ordered	Installed
1	726431614	O RING		✓
1	737388303	HYDRAULIC RETURN FILTER		✓
1	511712014	O RING		✓
2	510713814	HYD/FUEL TANK BREATHER		✓

Recommendations: NEXT SERVICE DUE 8455 HRS.

Technician: BYLCE / BRIAN

Customer Name: _____

Customer Signature: _____

Job Complete: _____ Labor: Reg _____

Yes ☒ No ☐ O.T. _____

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Pink: Customer

Yellow: Technician Copy

SERVICE REPORT

Date: 10-7-14

Customer's Name: _____

Customer P. O. # _____

Job Location: Moreno Valley

M/M/T: Liebherr 1300

Hours: 8075

Equipment # 330192

Serial # _____

Describe Defects & Cause of Failure: Left track too tight

Repairs Completed: Adjusted to correct pressure
Need to check while operator is tracking crane

Tracks were ads with too much pressure on one side
& wearing out drive sprocket

Qty	Part Number	Description	Ordered	Installed

Recommendations: Needs drive tumbler - sprocket

Technician: Boyce Hulet

Customer Name: _____

Customer Signature: _____

Job Complete: ☒

Yes ☐ No ☒

Labor: Reg _____

O.T. _____

SERVICE REPORT

Date: 3-16-2015 10-11-061457
Customer's Name: Blattner Customer P. O. # _____

Job Location: _____ M/M/T: Liebherr LR-1300 Hours: 8504

Equipment # 330192 Serial # 138074

Describe Defects & Cause of Failure: Oil leak at valve bank

Repairs Completed: Resealed end cap and added
10 gallons oil hyd 46

Capss over hose at inlet port to
other side of L&V leaks with pto engage,
with hi rpm (replace)

Qty	Part Number	Description	Ordered	Installed
		<u>7:30 11:00 1:00</u>		

Recommendations: _____

Technician: [Signature]
Customer Name: [Signature]
Customer Signature: _____

Job Complete: Labor: Reg _____
Yes ☒ No ☐ O.T. _____



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Job # 10-11-061457

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SERVICE REPORT

Date: 4-6-15

164 Miles

Customer's Name: Blattner

Customer P. O. #

Job Location: MoJave

M/M/T: Liebherr LR1300

Hours: 6206

Equipment # 330192

Serial #

Describe Defects & Cause of Failure: Service Call - tracking problem

Repairs Completed: arrived at Crane found Drive tumbler worn to point that repair is needed - to return following day to Repair tumbler - Customer says Front Idler on other track is locking up - after repair tested Crane Idler is rotating freely Both Directions and is Not Moving side to side while cutting - talked with customer and working on price 3 Avail on Inner Bushings in case stops working at later time

Qty	Part Number	Description	Ordered	Installed

Recommendations:

Technician: Bryce Aulet

Customer Name:

Customer Signature:

Job Complete:

Yes ☒ No ☐

Labor: Reg

O.T.

SERVICE REPORT

Date: 04-07-2015

Customer's Name: _____ Customer P. O. # _____

Job Location: Mojave M/M/T: Liebherr LR-1300 Hours: 8602

Equipment # 330192 Serial # 138074

Describe Defects & Cause of Failure: Left dr. tumbler worn out.

Repairs Completed: Welded up pockets in tumbler

Cust. complaint that right idler is not rotating in reverse. This could not be confirmed all looks well on this day

Qty	Part Number	Description	Ordered	Installed

Recommendations: _____

Technician: R. Mathias

Customer Name: _____

Customer Signature: _____

Job Complete: _____ Labor: Reg _____

Yes ☐ No ☐ O.T. _____

SERVICE REPORT

Date: 4-17-15
 Customer's Name: Blattner Customer P. O. # _____
 Job Location: Mohave M/M/T: Liebherr L-R 1300 Hours: 8670
 Equipment # 330192 Serial # _____

Describe Defects & Cause of Failure: Broken Bolts in Bottom Rollers
on side frame -

Repairs Completed: 7 Broken - Missing Bolts total
Replaced Bolts so crane can work - Need more Bolts

Qty	Part Number	Description	Ordered	Installed

Recommendations: _____

Technician: Boye Hulet
 Customer Name: Michael McArthur
 Customer Signature: [Signature]

Job Complete: ☒ Yes ☐ No
 Labor: Reg _____ O.T. _____



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SERVICE REPORT

Date: 6-1-15

Customer's Name: _____

Customer P. O. # _____

Job Location: shop

M/M/T: Liebherr LR 1300

Hours: 8723

Equipment # 330192

Serial # 138074

Describe Defects & Cause of Failure: Load line cut short

Repairs Completed: install new load line on front Drum

28mm x 665m = 2182'

Qty	Part Number	Description	Ordered	Installed
1	79Q517214	28mm x 665 M		☒

Recommendations: _____

Technician: Bryce Hulet

Customer Name: _____

Customer Signature: _____

Job Complete:

Yes ☒ No ☐

Labor: Reg _____

O.T. _____

SERVICE REPORT

Date: 6-26-15
Customer's Name: Bigge Customer P. O. # _____
Job Location: Pier A M/M/T: Liebherr 1300 Hours: 87666
Equipment # 330192 Serial # 138074

Describe Defects & Cause of Failure: Track came off frame
left side

Repairs Completed: Seperate track and reinstall
check track pressure 38 Bar.

Qty	Part Number	Description	Ordered	Installed

Recommendations: _____

Technician: K. McMaster
Customer Name: _____
Customer Signature: _____

Job Complete: Labor: Reg _____
Yes ☒ No ☐ O.T. _____

SHOP TIME CARD

EMP. NO.	DATE	NAME	OP LUNCH NO UNION BENEFITS	S. T.	O. T. (1 1/2)	D. T.	TOTAL	HOURS	RATE	AMOUNT
083116	8-31-16	Billy Lee		8 HRS	2 HRS		10 HRS		xxxxx	
JOB TITLE IRONWORKERS			APPROVED HAI							
DESCRIPTION OF WORK PERFORMED										
1. Repair cracks welding 330192			RO./LOC.		DATE 8-31-16		START		5:00	
			JOB/EQUIP. NO. 1002031507		EQUIP. # (2)		STOP		11:00	
			PI ITEM PH WK COMP. INT.							
2. 1/2 Hr lunch.			RO./LOC.		DATE 8-31-16		START		11:00	
			JOB/EQUIP. NO.		EQUIP. #		STOP		11:30	
			PI ITEM PH WK COMP. INT.							
3. Welding Repair Cracks and inspection for cracks. 330192			RO./LOC.		DATE 8-31-16		START		11:30	
			JOB/EQUIP. NO. 1002031507		EQUIP. # (2)		STOP		3:30	
			PI ITEM PH WK COMP. INT.							
4.			RO./LOC.		DATE		START			
			JOB/EQUIP. NO.		EQUIP. #		STOP			
			PI ITEM PH WK COMP. INT.							
5.			RO./LOC.		DATE		START			
			JOB/EQUIP. NO.		EQUIP. #		STOP			
			PI ITEM PH WK COMP. INT.							
6.			RO./LOC.		DATE		START			
			JOB/EQUIP. NO.		EQUIP. #		STOP			
			PI ITEM PH WK COMP. INT.							
7.			RO./LOC.		DATE		START			
			JOB/EQUIP. NO.		EQUIP. #		STOP			
			PI ITEM PH WK COMP. INT.							
8.			RO./LOC.		DATE		START			
			JOB/EQUIP. NO.		EQUIP. #		STOP			
			PI ITEM PH WK COMP. INT.							

SHOP TIME CARD

EMP. NO.	DATE	NAME	APPROVED	HOURS	RATE	AMOUNT
	08/30/16	Billy Lee		8 HRS		
JOB TITLE	Ironworkers			O. T. (1 1/2)	2 HRS	
DESCRIPTION OF WORK PERFORMED				TOTAL	10 HRS	xxxxx
				CLOCK TIME RECORD		
1.	W.O # 018015 Jib repair			RO./LOC.	DATE 8-30-16	START 5:00
				JOB/EQUIP. NO.	EQUIP. # BE9088	STOP 8:00
				PI	ITEM PH WK COMP. INT.	10 501
2.	Fab Lit up			RO./LOC.	DATE 8-30-16	START 8:00
				JOB/EQUIP. NO.	EQUIP. # MATS	STOP 11:00
				PI	ITEM PH WK COMP. INT.	10 501
3.	1/2 Hr lunch.			RO./LOC.	DATE 8-30-16	START 11:00
				JOB/EQUIP. NO.	EQUIP. #	STOP 11:30
				PI	ITEM PH WK COMP. INT.	
4.	Repair crack.			RO./LOC.	DATE 8-30-16	START 11:30
	330192			JOB/EQUIP. NO.	EQUIP. # 1002031507	STOP 3:30
				PI	ITEM PH WK COMP. INT.	
5.				RO./LOC.	DATE	START
				JOB/EQUIP. NO.	EQUIP. #	STOP
				PI	ITEM PH WK COMP. INT.	
6.				RO./LOC.	DATE	START
				JOB/EQUIP. NO.	EQUIP. #	STOP
				PI	ITEM PH WK COMP. INT.	
7.				RO./LOC.	DATE	START
				JOB/EQUIP. NO.	EQUIP. #	STOP
				PI	ITEM PH WK COMP. INT.	
8.				RO./LOC.	DATE	START
				JOB/EQUIP. NO.	EQUIP. #	STOP
				PI	ITEM PH WK COMP. INT.	



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FAB00431

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SERVICE REPORT

Job # 10-02-031507

Date: 9-1-16

Customer's Name: _____

Customer P. O. # _____

Job Location: S-L

M/M/T: L R 1300

Hours: 010154

Equipment # 330192

Serial # 138 074

Describe Defects & Cause of Failure: inspection pass through pipe in frame car body left and right side in side and outside pipe, left side ~~and~~ outside pipe have about 10" crack, and right side out side have about 1" crack.

Repairs Completed: left side pass through pipe grinding out crack all the way down through root of the crack bevel down for full pin weld, preheat too 100°C welding the root pass with E7018 and filler and top pass with E11018 after all welding is done post heat 220°C for two hours after two hours visual check for crack, primer and paint.

Right side pass through pipe grind out crack out all the way down through the root of the crack bevel down for full pin welding, preheat too 100°C welding the root pass with E7018 filler and top pass with E11018 after all welding is done post heat at 220°C for ~~two~~ two hours after two hours visual inspect for crack, primer and paint.

14 HRS

Qty	Part Number	Description	Ordered	Installed

Recommendations: _____

Technician: Billy Lee

Customer Name: _____

Customer Signature: _____

Job Complete: _____

Yes ☐ No ☐

Labor: Reg _____

O.T. _____

Copies: White: Office

Pink: Customer

Yellow: Technician Copy

BIGGE

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SERVICE REPORT

Date: 4-24-19

Customer's Name: BCR

Customer P. O. # _____

Job Location: Bloomington

M/M/T: Liebherr/LR1300

Hours: 12,873

Equipment # 330192

Serial # 138 074

Describe Defects & Cause of Failure: _____

Repairs Completed: Service engine, clean dirt from tracks, clean cab

13 gallons 15W-40 motor oil

Qty	Part Number	Description	Ordered	Installed
2	AE4206	Air filter		✓
2	LF17522	Lube Filter		✓
2	FF5629	Fuel Filter		✓
1	FS1083	Fuel/water separator		✓

Recommendations: _____

Technician: Derry Shepherd

Customer Name: _____

Customer Signature: _____

Job Complete: _____ Labor: Reg _____

Yes ☒ No ☐ O.T. _____

Copies: White: Office Pink: Customer Yellow: Technician Copy